

## IN THE SPECIFICATION:

The specification as amended below with replacements paragraphs shows added text with underlining and deleted text with ~~striketrough~~.

Please REPLACE the following paragraphs in accordance with the following:

[Paragraph beginning at page 7, line 9, with the following paragraph:]

**[0035]** The system shown in *Figure 2* includes a programmable computer **201** having a ~~DVD-Digital Versatile Disk~~ drive **202** for receiving ~~CD-ROMS-Compact Disc Read-Only Media~~ and ~~DVDs-Digital Versatile Disks~~ **203**, along with a disk drive **204** for receiving magnetic disks **205** such as zip disks. Computer system **201** may receive program instructions via an appropriate ~~CD-ROM-Compact Disc Read-Only Media~~ **203** and data files may be transferred using zip drive **205** or via a network connection **206** connected to the World Wide Web **101**. Output data is displayed on a visual display unit **207** and manual input is received via keyboard **208** and a mouse **209**.

[Paragraph beginning at page 18, line 4, with the following paragraph:]

**[0071]** ~~Further details concerning Twofish cipher may be found at~~  
~~<http://www.counterpane.com/twofish.html>~~—Twofish is a one hundred and twenty eight bit block cipher that accepts a variable length key up to two hundred and fifty six bits. The cipher is a sixteen round Feistel network with a bijective F function made up of four key dependent eight by eight S boxes, are fixed four by four maximum distance separable matrix, a Pseudo-Handemarde transform, bitwise rotations and a carefully designed key schedule.